

ABSTRACT OF THE DISCLOSURE

A method is shown for deterministically selecting an endpoint for multiple links through a network for a client device. When a first network device establishes a connection for a client device to an endpoint device, it causes a database entry to be created that is keyed by a client identifier value for the client device and includes an endpoint address field with the network address of the endpoint device. When a second network device receives a call request from the client device, it queries the database using the client identifier value for the client device and waits a predetermined period for a database reply. A database device storing the database entry receives the query from the second network device, searches for the database entry matching the client identifier value, and sends a database reply that includes the client identifier value and the network address of the endpoint device from the database entry. The second network device receives the database reply and uses the network address from the database reply to establish a second connection to the endpoint device for the client.

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